

## TITLE OF THE INVENTION

MurC PROTEIN AND gene of *PSEUDOMONAS AERUGINOSA*

## ABSTRACT OF THE DISCLOSURE

- 5                   This invention provides isolated polynucleotides that encode the MurC protein of *Pseudomonas aeruginosa*. Purified and isolated MurC recombinant proteins are also provided. Nucleic acid sequences which encode functionally active MurC proteins are described. Assays for the identification of modulators of the of expression of *murC* and inhibitors of the activity of MurC, are also provided.
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